RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/553,163
Source: PCT
Date Processed by STIC: 10/25/2005

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RAW SEQUENCE LISTING DATE: 10/25/2005
PATENT APPLICATION: **US/10/553,163** TIME: 10:22:02

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      3 <110> APPLICANT: ELI LILLY AND COMPANY
      5 <120> TITLE OF INVENTION: INSULIN ANALOGS HAVING PROTRACTED TIME ACTION
      7 <130> FILE REFERENCE: X-16270M
C-->  9 <140> CURRENT APPLICATION NUMBER: US/10/553,163
C-->  9 <141> CURRENT FILING DATE: 2005-10-13
      9 <150> PRIOR APPLICATION NUMBER: US 60/466,501
     10 <151> PRIOR FILING DATE: 2003-04-29
     12 <150> PRIOR APPLICATION NUMBER: US 60/466,500
     13 <151> PRIOR FILING DATE: 2003-04-29
     15 <150> PRIOR APPLICATION NUMBER: US 60/470,118
     16 <151> PRIOR FILING DATE: 2003-05-13
     18 <160> NUMBER OF SEQ ID NOS: 5
     20 <170> SOFTWARE: PatentIn version 3.2
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     24 <212> TYPE: PRT
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     30 <222> LOCATION: (1)..(22)
     31 <223> OTHER INFORMATION: Amino acid sequence of the A-chain of
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     33       B32Lys-human insulin.
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     48 <213> ORGANISM: homo sapiens
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     54 <223> OTHER INFORMATION: Amino acid sequence of the B-chain of
     55       A0ArgA21GlyB31ArgB32Arg-human insulin.
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     59 Phe Val Asn Gln His Leu Cys Gly Ser His Leu Val Glu Ala Leu Tyr
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     67 <210> SEQ ID NO: 3
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PATENT APPLICATION: US/10/553,163 TIME: 10:22:02

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68 <211> LENGTH: 21
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76 <223> OTHER INFORMATION: Amino acid sequence of the A-chain of wild-type human insulin.
78 <400> SEQUENCE: 3
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84 Glu Asn Tyr Cys Asn
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97 <223> OTHER INFORMATION: Amino acid sequence of the B-chain of wild-type human insulin.
99 <400> SEQUENCE: 4
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118 <223> OTHER INFORMATION: Amino acid sequence of the B-chain of A0ArgA21GlyB29ArgB31Arg
119 B32Lys -human insulin.
121 <400> SEQUENCE: 5
123 Phe Val Asn Gln His Leu Cys Gly Ser His Leu Val Glu Ala Leu Tyr
124 1 5 10 15
127 Leu Val Cys Gly Glu Arg Gly Phe Phe Tyr Thr Pro Arg Thr Arg Lys
128 20 25 30

VERIFICATION SUMMARY DATE: 10/25/2005
PATENT APPLICATION: **US/10/553,163** TIME: 10:22:03

Input Set : **A:\x16270M.ST25.txt**
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L:9 M:270 C: Current Application Number differs, Replaced Current Application No
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date